

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031919\
 Data File : VN054447.D
 Acq On : 19 Mar 2019 18:23
 Operator : JC/SP
 Sample : K1987-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190085-FIELD-BLANK

Quant Time: Mar 20 04:46:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	2165647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2997213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2449321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	884224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	894459	38.89	ug/l	0.00
Spiked Amount			Recovery	=	77.78%	
35) Dibromofluoromethane	7.59	113	880318	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
50) Toluene-d8	10.09	98	3436487	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.40	95	993586	39.78	ug/l	0.00
Spiked Amount			Recovery	=	79.56%	

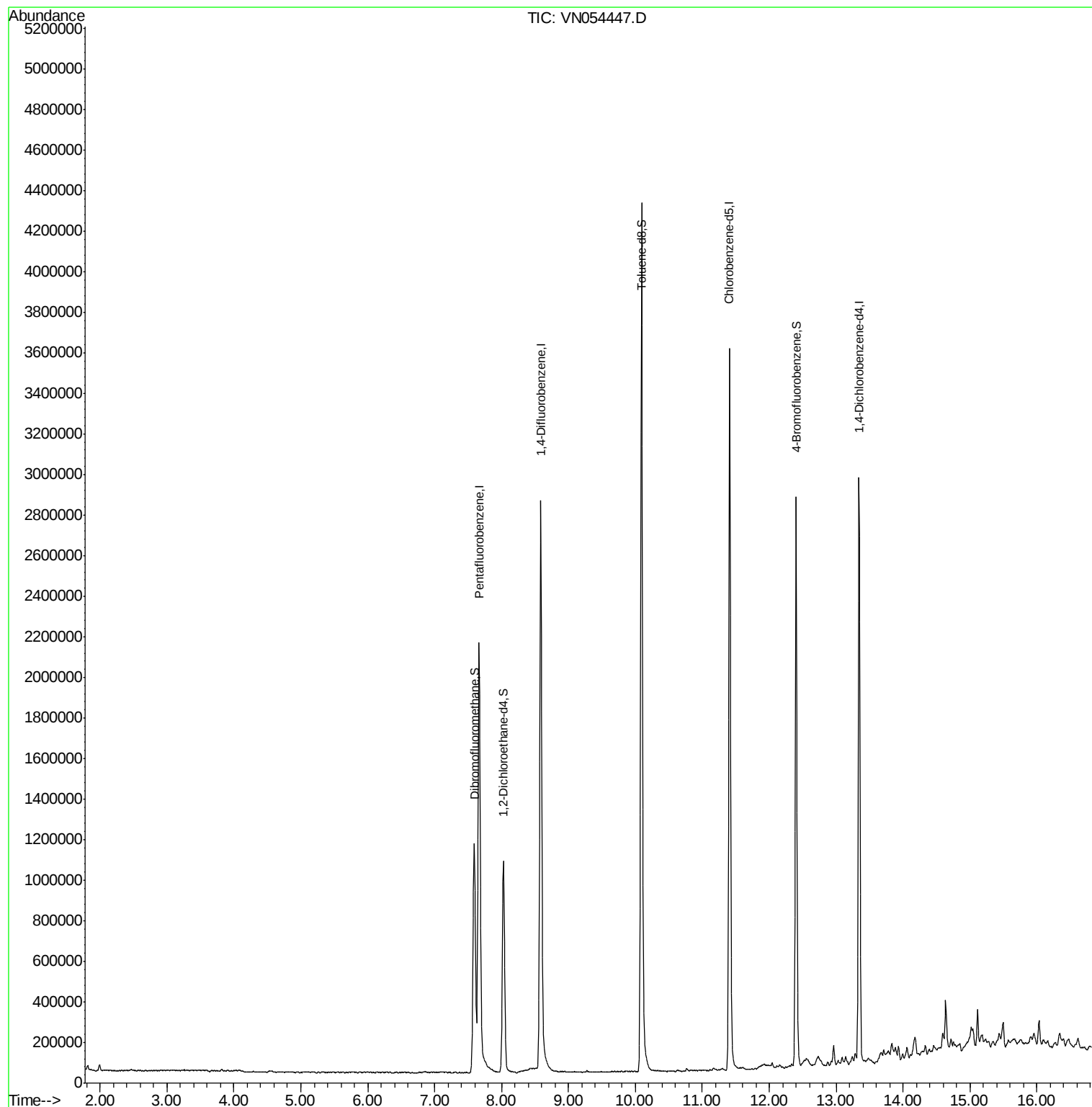
Target Compounds	Qvalue
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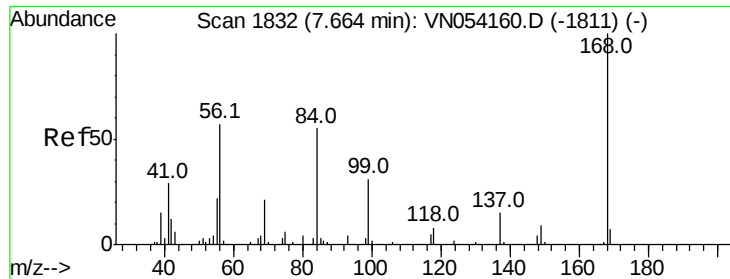
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054447.D

Acq: 19 Mar 2019 18:23

Instrument :

MSVOA_N

ClientSampleId :

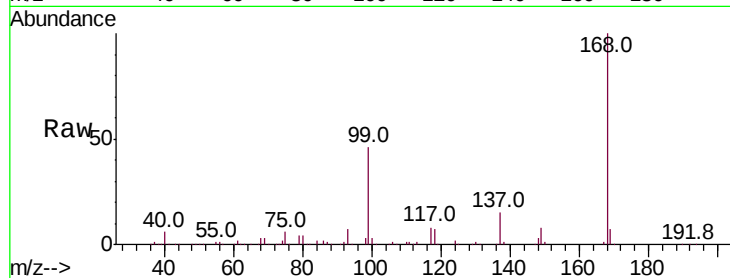
20190085-FIELD-BLANK

Tot Ion:168 Resp: 2165647

Ion Ratio Lower Upper

168 100

99 45.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

800000

600000

400000

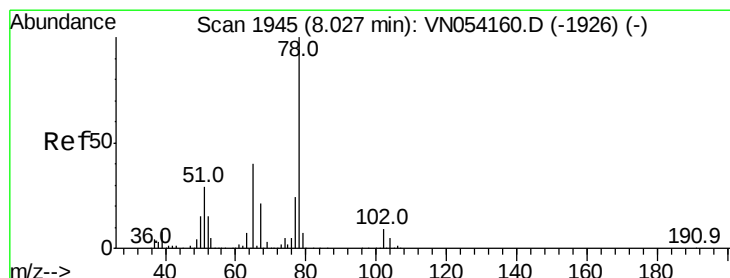
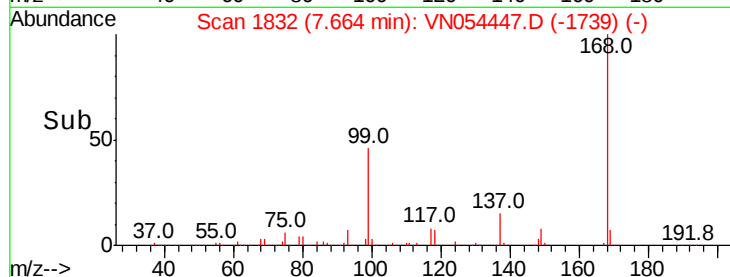
200000

0

7.60

7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.891 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054447.D

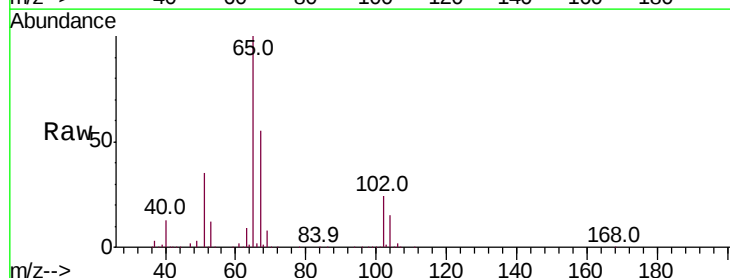
Acq: 19 Mar 2019 18:23

Tgt Ion: 65 Resp: 894459

Ion Ratio Lower Upper

65 100

67 54.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

400000

300000

200000

100000

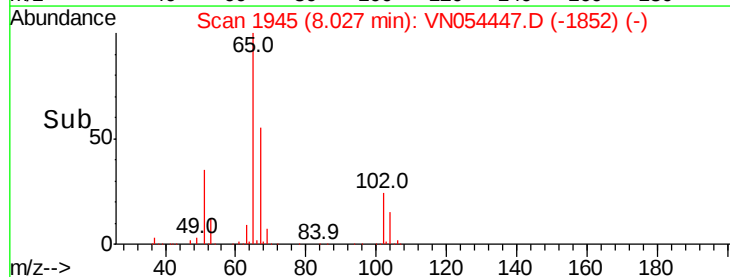
0

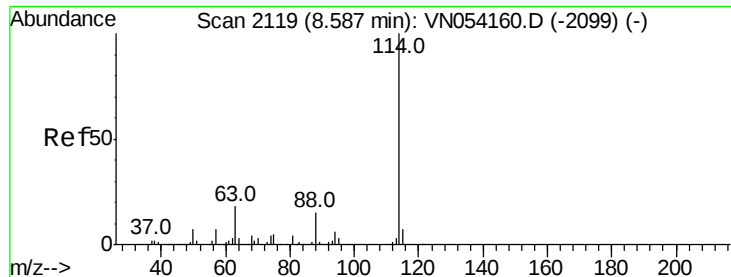
7.90

8.10

8.20

Time-->

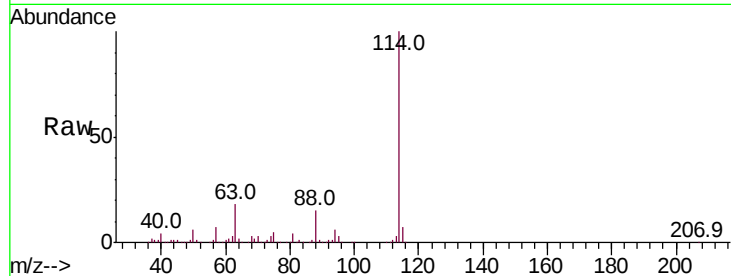




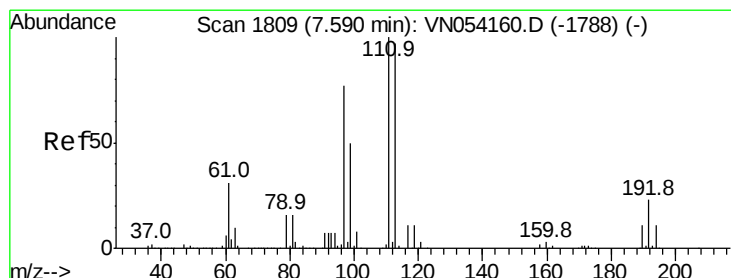
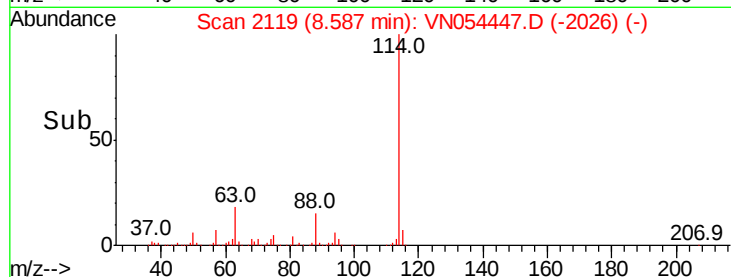
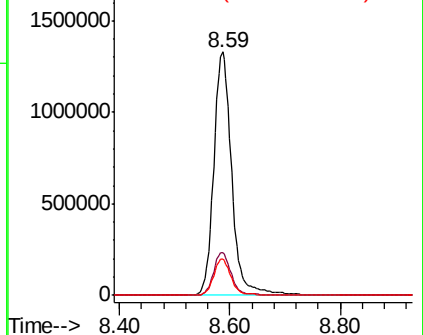
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054447.D
Acq: 19 Mar 2019 18:23

Instrument :
MSVOA_N
ClientSampleId :
20190085-FIELD-BLANK

Tot Ion:114 Resp: 2997213
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.2
88 15.0 0.0 30.2

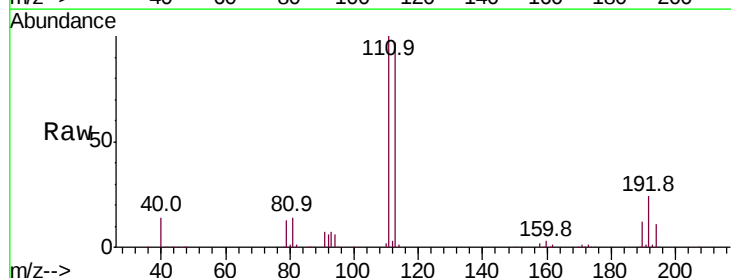


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

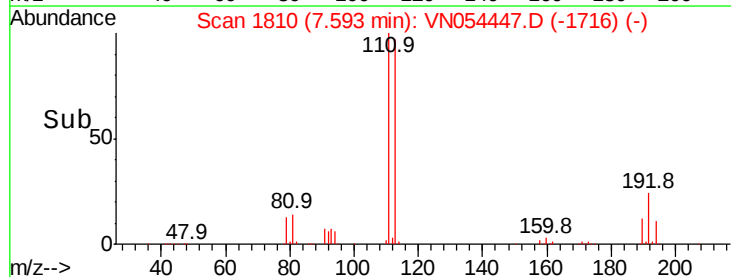
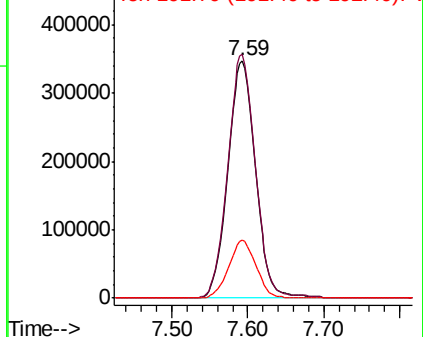


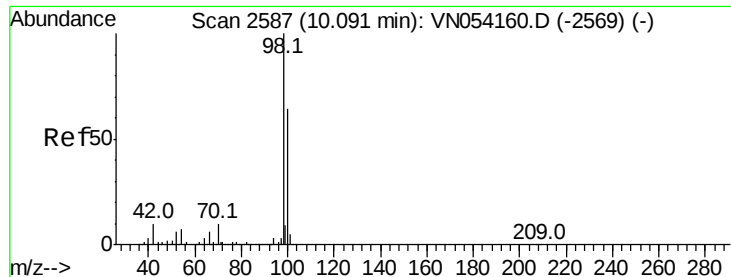
#35
Dibromofluoromethane
Concen: 45.540 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054447.D
Acq: 19 Mar 2019 18:23

Tgt Ion:113 Resp: 880318
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 24.1 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.136 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054447.D

Acq: 19 Mar 2019 18:23

Instrument :

MSVOA_N

ClientSampleId :

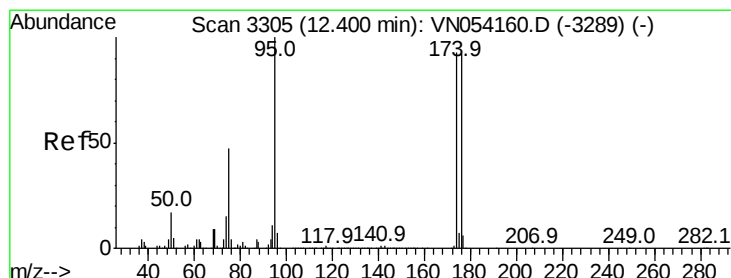
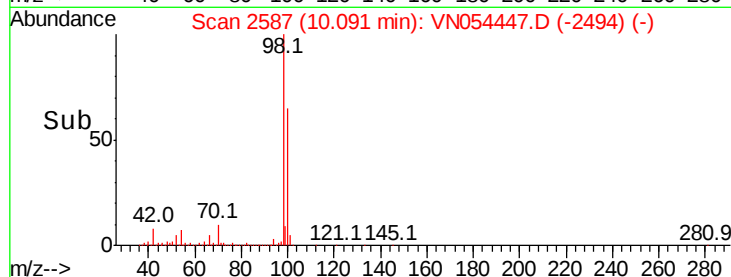
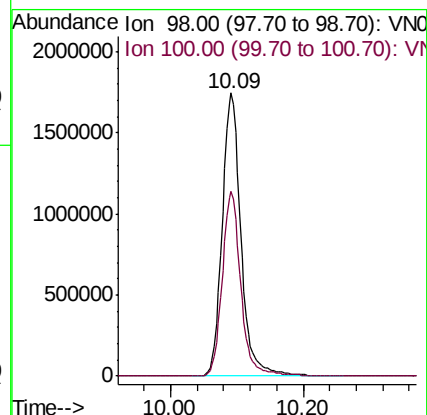
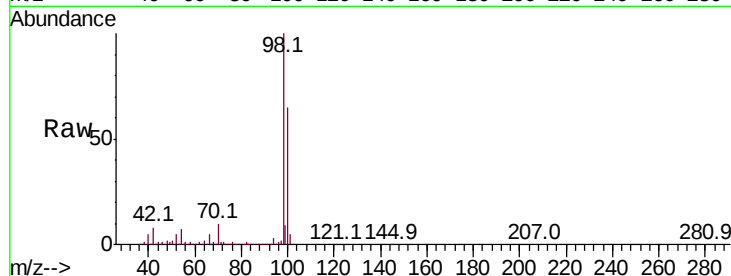
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Tot Ion: 98 Resp: 3436487

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 39.775 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054447.D

Acq: 19 Mar 2019 18:23

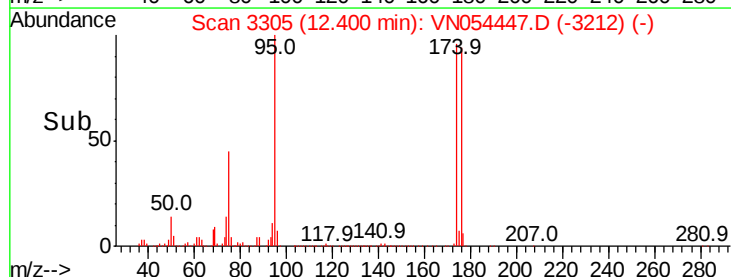
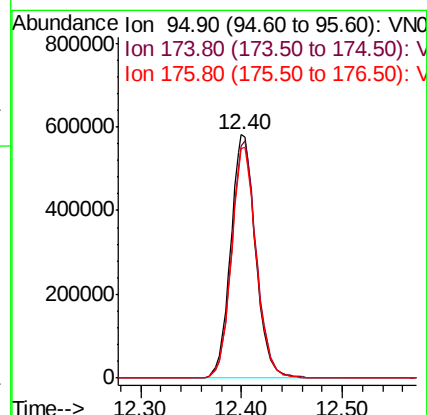
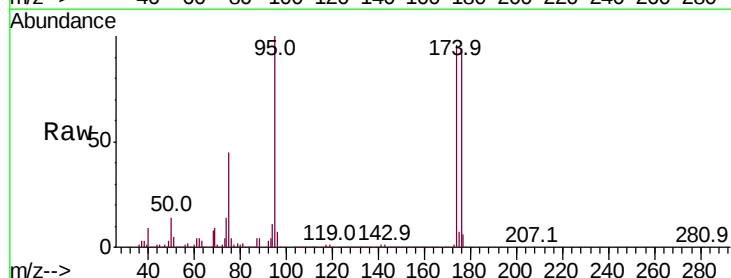
Tgt Ion: 95 Resp: 993586

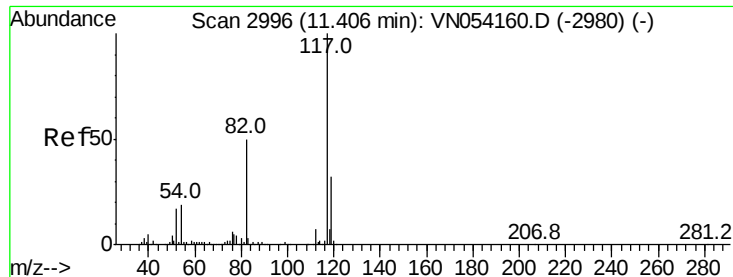
Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.0

176 94.4 0.0 187.4

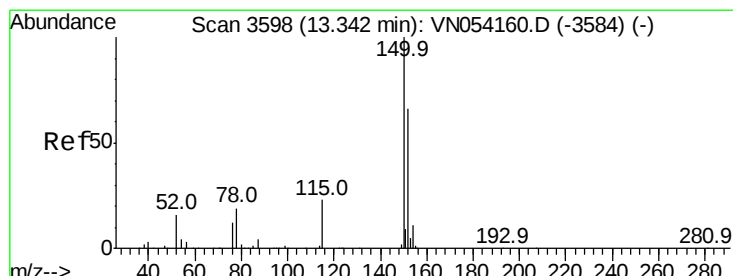
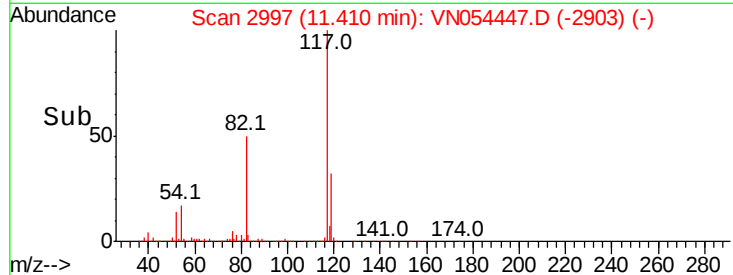
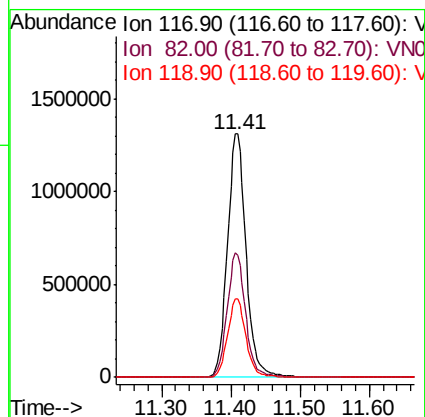
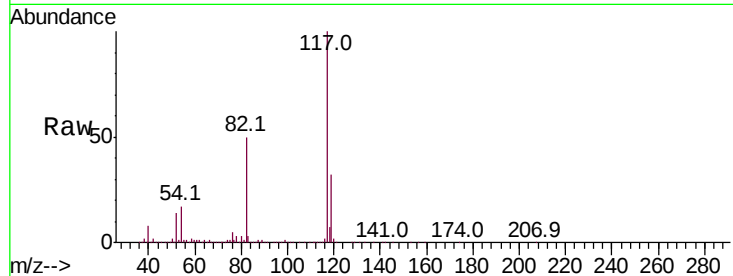




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054447.D
Acq: 19 Mar 2019 18:23

Instrument :
MSVOA_N
ClientSampleId :
20190085-FIELD-BLANK

Tot Ion:117 Resp: 2449321
Ion Ratio Lower Upper
117 100
82 50.2 40.0 60.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054447.D
Acq: 19 Mar 2019 18:23

Tgt Ion:152 Resp: 884224
Ion Ratio Lower Upper
152 100
115 55.2 27.2 81.6
150 157.3 0.0 349.2

